



PATENT ABSTRACTS OF JAPAN

(11)Publication number : 55-111060

(43)Date of publication of application : 27.08.1980

1)Int.Cl.

H01M 2/08

1)Application number : 54-018079

(71)Applicant : CITIZEN WATCH CO LTD

2)Date of filing : 19.02.1979

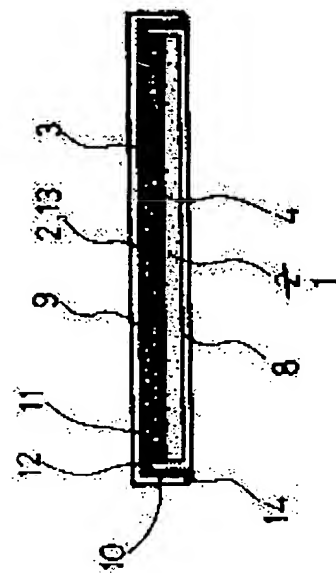
(72)Inventor : NOMURA HIRONORI

4) THIN BATTERY

7)Abstract:

PURPOSE: To enable mass production of a thin battery with excellent liquid leakageproofness which has a thickness of less than 1mm by using a package member in which an insulating film for avoiding shortcircuit is coated on the surface of conductive materials.

CONSTITUTION: An alkali-proof insulating film consisting of phenol resin, epoxy resin, furan resin, etc. is coated on the outer surface of the battery can 8 consisting of conductive materials. The positive flux 1 is pelletized and inserted in this battery can 8 and the separator 4 is put on it. Then the sealing member 11 on which sealing agent 12 such as asphalt, wax, etc. is coated is pressed in along the inner wall of the battery can 8 so as to press the outer surface of the separator 4. Subsequently, negative flux 2 or the negative member 13 such as lithium, zinc, etc. is inserted and electrolyte 3 is injected. Subsequently, the battery can 9 is pressed in so as to cover a lid. By coating alkali-proof bonding agent 14 between the tip of the battery can 9 and the outer surface of the battery can 8, a thin battery is formed.



GAL STATUS

Date of request for examination]

Date of sending the examiner's decision of rejection]

Kind of final disposal of application other than the examiner's decision of rejection or application converted registration]

Date of final disposal for application]

Patent number]

Date of registration]

Number of appeal against examiner's decision of
ejection]

Date of requesting appeal against examiner's
ecision of rejection]

Date of extinction of right]

Copyright (C); 1998,2000 Japan Patent Office